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AMENDMENT UNDER 37 C.F.R. § 1.116
EXPEDITED PROCEDURE
GROUP 3752
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Norihisa FUKUTOMI, et al

Appln. No.: 09/413,348

Filed: October 6, 1999

For: FUEL INJECTION VALVE



Group Art Unit: 3752

Examiner: C. Kim

AMENDMENT UNDER 37 C.F.R. § 1.116

ATTN: BOX AF

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated October 30, 2000, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Page 10, line 22, please replace the second and third paragraphs:

Namely, as shown in Fig. 7 (a), in a fuel injection valve 1A using an O-ring 24A whose linear diameter is 1.9 Ø, since the portion of said O-ring 24A contacting the fuel is small, it is not possible to get such a good result as to fully damp the pressure drop when the needle valve 15 bounces in its closing condition. Accordingly, by the bounce when the valve is closed, the needle valve 15 is opened again soon after it is closed and as a result, the fuel is injected from the nozzle opening 13B in a "after-dripping" manner.

On the other hand, as for the fuel injection valve 1 of the present embodiment using the O-ring 24 whose linear diameter is 2.6Ø, the portion of the O-ring 24 contacting the fuel is large. It is therefore possible to fully damp the pressure drop when the needle valve 15 bounds

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